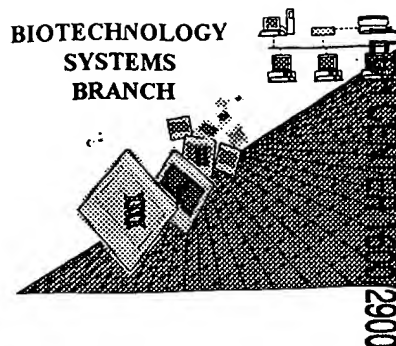


0260.

RAW SEQUENCE LISTING ERROR REPORT



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AUG 30 2001

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/753,139A
Source: 1646
Date Processed by STIC: 5/3/2001

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MAY 17 2001
TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

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Page 1 of 6

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1646

RAW SEQUENCE LISTING

DATE: 05/03/2001

PATENT APPLICATION: US/09/753,139A

TIME: 15:59:17

Input Set : A:\PTO.txt

Output Set: N:\CRF3\05032001\I753139A.raw

pg 2-3

C--> 3 <110> APPLICANT: Quirk, Stephen
4 Tyrrell, David
6 <120> TITLE OF INVENTION: Design and Use of Advanced Zinc Chelating Peptides to Regulate Matrix
7 Metalloproteinases
9 <130> FILE REFERENCE: 44039-227522 11301-0200
11 <140> CURRENT APPLICATION NUMBER: US 09/753,139A
12 <141> CURRENT FILING DATE: 2000-12-20
14 <160> NUMBER OF SEQ ID NOS: 10
16 <170> SOFTWARE: PatentIn version 3.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 7
20 <212> TYPE: PRT
21 <213> ORGANISM: Artificial Sequence
23 <220> FEATURE:
24 <223> OTHER INFORMATION: Synthetic Peptide
26 <220> FEATURE:
27 <221> NAME/KEY: VARIANT
28 <222> LOCATION: (2)..(2)
29 <223> OTHER INFORMATION: X = Ser or Thr
32 <220> FEATURE:
33 <221> NAME/KEY: VARIANT
34 <222> LOCATION: (4)..(4)
35 <223> OTHER INFORMATION: X = Ser, Ala or Val
38 <400> SEQUENCE: 1
40 Cys Xaa Cys Xaa Pro His Pro
41 1 5
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 12
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Synthetic Peptide
51 <220> FEATURE:
52 <221> NAME/KEY: VARIANT
53 <222> LOCATION: (1)..(1)
54 <223> OTHER INFORMATION: X = Ile or Val
57 <220> FEATURE:
58 <221> NAME/KEY: VARIANT
59 <222> LOCATION: (2)..(2)
60 <223> OTHER INFORMATION: X = Glu, Gln or Arg
63 <220> FEATURE:
64 <221> NAME/KEY: VARIANT
65 <222> LOCATION: (3)..(3)
66 <223> OTHER INFORMATION: X = Phe or Tyr
69 <220> FEATURE:
70 <221> NAME/KEY: VARIANT
71 <222> LOCATION: (4)..(4)

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING DATE: 05/03/2001
 PATENT APPLICATION: US/09/753,139A TIME: 15:59:17

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\05032001\I753139A.raw

72 <223> OTHER INFORMATION: X = Ile or Val
 75 <220> FEATURE:
 76 <221> NAME/KEY: VARIANT
 77 <222> LOCATION: (5)..(5)
 78 <223> OTHER INFORMATION: X = Tyr or His
 81 <220> FEATURE:
 82 <221> NAME/KEY: VARIANT
 83 <222> LOCATION: (7)..(7)
 84 <223> OTHER INFORMATION: X = Ala, Pro or Glu
 87 <220> FEATURE:
 88 <221> NAME/KEY: VARIANT
 89 <222> LOCATION: (8)..(8)
 90 <223> OTHER INFORMATION: X = Pro, Phe or Ala
 93 <220> FEATURE:
 94 <221> NAME/KEY: VARIANT
 95 <222> LOCATION: (9)..(9)
 96 <223> OTHER INFORMATION: X = Ser, Asp or Met
 99 <220> FEATURE:
 100 <221> NAME/KEY: VARIANT
 101 <222> LOCATION: (10)..(10)
 102 <223> OTHER INFORMATION: X = Ala or Ser
 105 <220> FEATURE:
 106 <221> NAME/KEY: VARIANT
 107 <222> LOCATION: (11)..(11)
 108 <223> OTHER INFORMATION: X = Val or Leu
 111 <220> FEATURE:
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 113 <222> LOCATION: (12)..(12)
 114 <223> OTHER INFORMATION: X = Cys or Gly
 117 <400> SEQUENCE: 2
 119 Xaa Xaa Xaa Xaa Xaa Thr Xaa Xaa Xaa Xaa Xaa Xaa
 120 1 5 10
 122 <210> SEQ ID NO: 3
 123 <211> LENGTH: 9
 124 <212> TYPE: PRT
 125 <213> ORGANISM: Artificial Sequence
 127 <220> FEATURE:
 128 <223> OTHER INFORMATION: Synthetic Oligonucleotide
 130 <220> FEATURE:
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 133 <223> OTHER INFORMATION: X = Met, Val or Leu
 136 <220> FEATURE:
 137 <221> NAME/KEY: VARIANT
 138 <222> LOCATION: (2)..(2)
 139 <223> OTHER INFORMATION: X = His, Phe or Tyr
 142 <220> FEATURE:
 143 <221> NAME/KEY: VARIANT
 144 <222> LOCATION: (3)..(3)

This is a peptide sequence.

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/753,139A

DATE: 05/03/2001
 TIME: 15:59:17

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\05032001\I753139A.raw

145 <223> OTHER INFORMATION: X = Ile or Thr
 148 <220> FEATURE:
 149 <221> NAME/KEY: VARIANT
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 151 <223> OTHER INFORMATION: X = Thr, His or Gly
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 155 <221> NAME/KEY: VARIANT
 156 <222> LOCATION: (5)..(5)
 157 <223> OTHER INFORMATION: X = Leu or Thr
 160 <220> FEATURE:
 161 <221> NAME/KEY: VARIANT
 162 <222> LOCATION: (7)..(7)
 163 <223> OTHER INFORMATION: X = Asp, Asn or Ser
 166 <220> FEATURE:
 167 <221> NAME/KEY: VARIANT
 168 <222> LOCATION: (8)..(8)
 169 <223> OTHER INFORMATION: X = Phe or Tyr
 172 <220> FEATURE:
 173 <221> NAME/KEY: VARIANT
 174 <222> LOCATION: (9)..(9)
 175 <223> OTHER INFORMATION: X = Ile or Val
 178 <400> SEQUENCE: 3
 w-OK 180 Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa
 181 1 5
 183 <210> SEQ ID NO: 4
 184 <211> LENGTH: 7
 185 <212> TYPE: PRT
 186 <213> ORGANISM: Artificial Sequence
 188 <220> FEATURE:
 189 <223> OTHER INFORMATION: Synthetic Oligonucleotide
 191 <400> SEQUENCE: 4
 193 Cys Ser Ala Val Pro Val His
 194 1 5
 196 <210> SEQ ID NO: 5
 197 <211> LENGTH: 7
 198 <212> TYPE: PRT
 199 <213> ORGANISM: Artificial Sequence
 201 <220> FEATURE:
 202 <223> OTHER INFORMATION: Synthetic Peptide
 204 <400> SEQUENCE: 5
 206 Asp Ser Ala Val Pro Val His
 207 1 5
 209 <210> SEQ ID NO: 6
 210 <211> LENGTH: 9
 211 <212> TYPE: PRT
 212 <213> ORGANISM: Artificial Sequence
 214 <220> FEATURE:
 215 <223> OTHER INFORMATION: Synthetic Peptide
 217 <400> SEQUENCE: 6

This is a peptide sequence.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/753,139A

DATE: 05/03/2001
TIME: 15:59:17

Input Set : A:\PTO.txt
Output Set: N:\CRF3\05032001\I753139A.raw

219 Ile Tyr Thr Ala Cys Met Ser Ala Val
220 1 5
222 <210> SEQ ID NO: 7
223 <211> LENGTH: 7
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetic Peptide
230 <400> SEQUENCE: 7
232 Val His Thr His Leu Cys Asp
233 1 5
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236 <211> LENGTH: 5
237 <212> TYPE: PRT
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Synthetic Peptide
243 <400> SEQUENCE: 8
245 Cys Thr Cys Val Pro
246 1 5
248 <210> SEQ ID NO: 9
249 <211> LENGTH: 4
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Synthetic Peptide
256 <400> SEQUENCE: 9
258 Cys Asp Ile Cys
259 1
261 <210> SEQ ID NO: 10
262 <211> LENGTH: 5
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Synthetic Peptide
269 <400> SEQUENCE: 10
271 His Thr Ile Thr His
272 1 5

VERIFICATION SUMMARY DATE: 05/03/2001
PATENT APPLICATION: US/09/753,139A TIME: 15:59:18

Input Set : A:\PTO.txt
Output Set: N:\CRF3\05032001\I753139A.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3